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U.S. Express Mail No.: ED330970660US

Attorney Docket No.: AM-6051.P1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Mark Crockett et al.

SERIAL NO.: 10/617,950

FILED: July 12, 2003

FOR: MICROMACHINED, INTEGRATED FLUID  
DELIVERY SYSTEM FOR SEMICONDUCTOR  
PROCESSING EQUIPMENT

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Group Art Unit: 3751

Examiner: H. Lee

Docket No.: AM-6051.P1

April 6, 2005

**RESPONSE TO RESTRICTION REQUIREMENT  
TRANSMITTAL LETTER**

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

Sir:

Transmitted herewith is applicants' Response to the Restriction Requirement mailed March 8, 2005, in the subject patent application, having a shortened statutory period for response of April 8, 2005.

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**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below as U.S. Express Mail No. ED330970660US in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

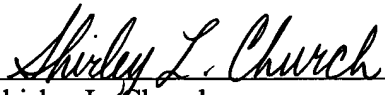
Date: April 6, 2005

  
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Shirley L. Church, Reg. No. 31,858

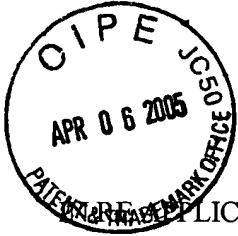
Applicants do not believe that any fee is due in connection with the filing of this Response to Restriction Requirement. However, if a fee is due, the Commissioner is hereby authorized to charge any such fee to Deposit Account No. 05-1512 of Shirley L. Church, Sunnyvale, California.

This transmittal letter is submitted in duplicate for accounting purposes.

Respectfully Submitted,

  
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Shirley L. Church  
Registration No. 31,858  
Attorney for Applicants  
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P.O. Box 450-A  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICATION OF: Mark Crockett et al.

SERIAL NO.: 10/617,950

FILED: July 12, 2003

FOR: MICROMACHINED, INTEGRATED FLUID  
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§ GROUP ART UNIT: 3751

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§ EXAMINER: Huyen Le

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Attorney Docket No.:

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AM-6051.P1

April 6, 2005

**RESPONSE TO RESTRICTION REQUIREMENT**

**Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

Sir:

This Response to Restriction Requirement is being submitted in response to the Office Action mailed March 8, 2005, having a shortened period for response of April 8, 2005.

Claims 1 - 68 are pending in the application. The Examiner has required an election from one of seven inventions which are said to be present in the application.

The inventions from which an election must be made include:


- I. Claims 1 - 36 and 42 - 55, drawn to a fluid handling structure, classified in class 137, subclass 833.
- II. Claim 37, drawn to an on/off valve, classified in class 251, subclass 63.
- III. Claims 38 and 39, drawn to an in-line filter, classified in class 55/323.

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I hereby certify that this paper and any documents said to accompany this paper are being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. ED 330970660 US in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: April 6, 2005

  
Shirley L. Church, Reg. No. 31,858

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IV. Claims 40 and 41, drawn to an in-line filter, classified in class 55/323.

V. Claims 56 - 63, drawn to a method of increasing the etchability of a metal, classified in class 216, subclass 16.

VI. Claims 64 - 67, drawn to a method of attaching a semiconductor component to a semiconductor chamber, classified in class 438, subclass 63.

VII. Claim 68, drawn to a method of improving the corrosion resistance of a stainless steel, classified in class 148, subclass 95.

Applicants hereby elect the Group I invention, Claims 1 - 36 and 42 - 55 for prosecution in this application.

This election is being made without traverse of the restriction requirement.

The Examiner is invited to contact applicants' attorney with any questions or suggestions, at the telephone number provided below.

Respectfully submitted,



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